

EXHIBIT 447

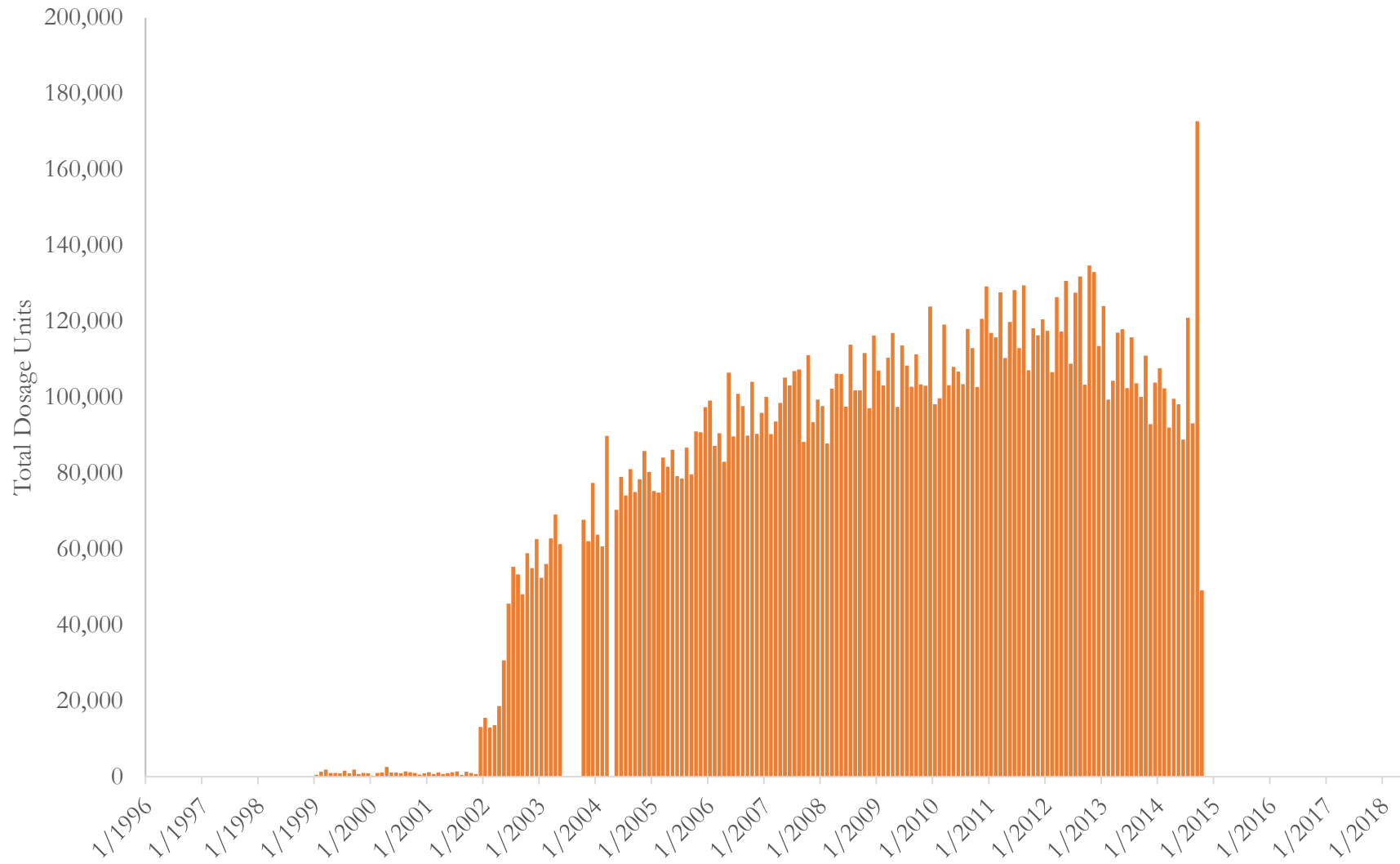
IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF OHIO
EASTERN DIVISION

IN RE NATIONAL	:	MDL No. 2804
PRESCRIPTION OPIATE	:	CASE NO. 17-MD-2804
LITIGATION	:	(DAP)
	:	

EXPERT REPORT OF CRAIG J. MCCANN, PH.D., CFA
March 25, 2019

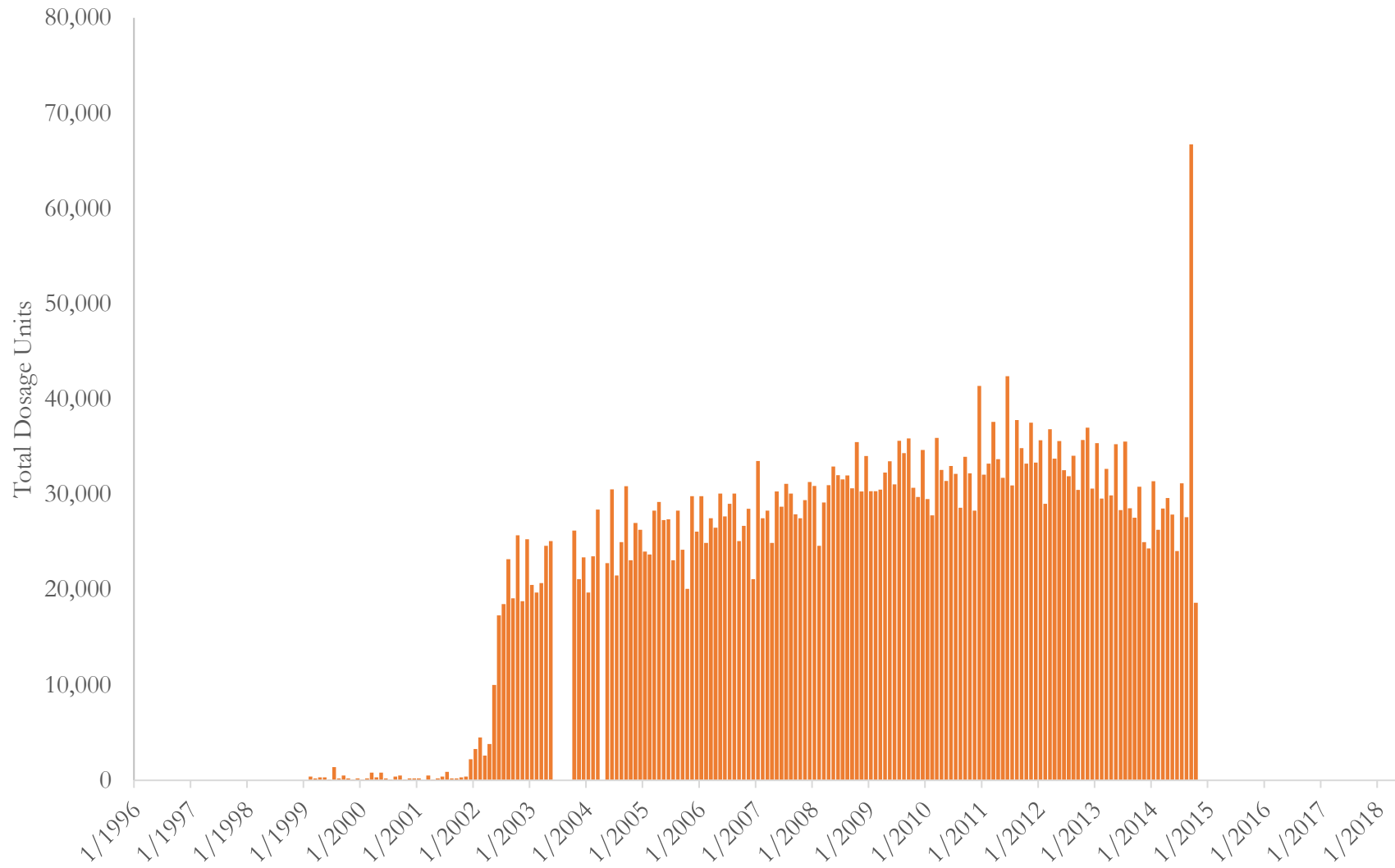
A. State Hydrocodone and Oxycodone MME Per Capita,
1997-2017

Discount Drug Mart Hydrocodone Distribution into Cuyahoga County, OH Total Dosage Units



Data source: ARCOS (2006-2014) and defendant transactional data

Discount Drug Mart Hydrocodone Distribution into Summit County, OH Total Dosage Units



Data source: ARCOS (2006-2014) and defendant transactional data